

**STATE OF MONTANA**  
**DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**STREAM DISCHARGE MEASUREMENT NOTES**

Station No. \_\_\_\_\_

Station Name \_\_\_\_\_

Date \_\_\_\_\_, 19\_\_\_\_ Party \_\_\_\_\_

Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G.H. \_\_\_\_\_ Disch. \_\_\_\_\_

Method \_\_\_\_\_ No. Secs \_\_\_\_\_ Meter No. \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge \_\_\_\_\_ ft.,

miles, above, below gage, and \_\_\_\_\_

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%) based on following conditions:

Cross Section \_\_\_\_\_

\_\_\_\_\_

Flow \_\_\_\_\_ Weather \_\_\_\_\_

Other \_\_\_\_\_ Air \_\_\_\_\_ °F@ \_\_\_\_\_

Water \_\_\_\_\_ °F@ \_\_\_\_\_

Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Measurement No. \_\_\_\_\_ Compiled by \_\_\_\_\_ Checked by \_\_\_\_\_

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at ---

Angle co- efficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or _____	Area	Discharge
							At Point	Mean in vertical			
											.80
											.85
											.90
											.92
											.94
											.96
											.97
											.98
											.99
											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80

.0 .10 .20 .30 .40 .50 .60 .70 .75